

**Mzumbe University**  
**Faculty of Science and Technology**  
**Department of Computing Science Studies**  
**CSS-121: Computer Programming with Java. Group Assignment**

***Instruct:** In a groups of Maximum of 7 students please workout the following questions.*

1. Write an application that asks the user to enter two integers, obtains them from the user and prints their sum, product, difference and quotient (division)
2. Write an application that asks the user to enter two integers, obtains them from the user and displays the larger number followed by the words "is larger" . If the numbers are equal, print the message "These numbers are equal" .
3. Write an application that inputs three integers from the user and displays the sum, average, product, smallest and largest of the numbers. [Note: The calculation of the average in this exercise should result in an integer representation of the average. So, if the sum of the values is 7, the average should be 2, not 2.3333. ...]
4. Write an application that reads two integers, determines whether the first is a multiple of the second and prints the result. [Hint: Use the remainder operator.]
5. Write an application that inputs one number consisting of six digits from the user, separates the number into its individual digits and prints the digits separated from one another by three spaces each. For example, if the user types in the number 423396 , the program should print

4 2 3 3 9 6

Assume that the user enters the correct number of digits. What happens when you enter a number with more than six digits? What happens when you enter a number with fewer than six digits? [Hint: You'll need to use both division and remainder operations to "pick off " each digit.]

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